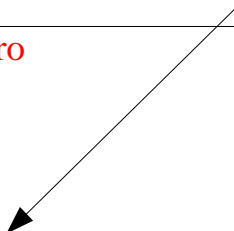


Tentative First Draft of Table of Contents

- 1) Intro, purpose, and explanation of chapter layout
- 2) Osc theory summary
- 3) Why these measurements are important
- 4) Current knowledge of neutrino properties and description of where we may be in 10 years time
 - a) Summary of current parameter knowledge
 - b) Describe experiments that have yet to release results, but will have in 10 years time.
 - c) Scenarios for where we may be in 10 years time
 - i. Theta13 clearly non-zero
 - ii. Theta13 consistent with zero or small hint of theta13
 - iii. Mass heirarchy measured
 - iv. LSND oscillation confirmed by MiniBooNE
 - v. Some new physics signal

Do we know how
to decide which
experiment(s) to do?



- 5) Theta13 clearly non-zero
 - a) Nova II
 - b) Other off-axis
 - c) FeHo
 - d) Broadband scheme
 - e) FNAL to China
 - f) ...
- 6) Theta13 consistent with zero or small hint of theta13
 - a) Betabeam
 - b) Neutrino Factory
- 7) Other Possibilities
 - a) Mass heirarchy measured
 - i.
 - b) LSND oscillation confirmed by MiniBooNE
 - i. Decay at rest source
 - ii. NUMI numu to nutau & numu disappearance
 - iii.
 - c) Some new physics signal
 - i.
- 8) Summary

Tentative Workshop Schedule for Neutrino Oscillations Working Group

Wed 6 Oct

16:20-17:30 Purpose and Setting the Scene

'Intro and Purpose of WG' Conevners 10 mins

'Oscillations as probes of GUT theory' 20 mins

Discussion 40 mins

Thu 7 Oct

10:30-12:30 Superbeam Experiments I

'Nova and other off axis with PD' Gary Feldman 25 mins

'FeHo' Doug Michael 25 mins

Discussion 70 mins

14:00-15:30 Cross-Section Needs (joint with WG2)

15:50-17:30 Superbeam Experiments II

'Fermilab to China' 25 mins

'Broadband Scheme' Gina Rameika 25 mins

Discussion 50 mins

Fri 8 Oct

10:30-12:30

'Betabeam using the Tevatron' Andreas Jansson 20 mins

14:00-15:30 What If MiniBooNE Confirms LSND Oscillations?

'Muon Decay at Rest' Richard Van de Water (LANL) 25 mins

'NUMI numu to nutau' Andrew Bazarko (Princeton) 25 mins

Discussion 40 mins

15:50-17:30 LBL Detectors